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Electronic Patent Application Submission
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EFS ID: 15381
Application ID: 10063907
Title of Invention: METHOD AND APPARATUS FOR
DESIGNING AND LOCATING
CHEMICAL STRUCTURES
First Named Inventor: Christine Phillips
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-05-22
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Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 124078-1
Digital Certificate Holder: cn=Marisa Dubuc, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: KH9ZvrIjnYY9oYRywGBerw==
Total Fees Authorized: \$1290.0
Payment Category: DA - Deposit Account
Deposit Account Number: 70888
Deposit Account Name: Marisa J. Dubuc



TRANSMITTAL FORM

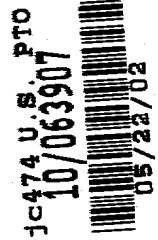
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Submission Type: Utility Patent
Filing

Attorney Docket
Number:

124078-
1



METHOD AND APPARATUS FOR DESIGNING AND LOCATING CHEMICAL STRUCTURES

First Named Inventor: Christine Phillips

SUBMITTED BY

Name:	Marisa J Dubuc
Registration Number:	46,673
Electronic Signature Mark: MJD	Date Signed: 20020522

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	Declaration_1.tif
declaration	Declaration_2.tif
declaration	Declaration_3.tif

epaveapds.xml
epaveasgn.xml
124078-1.APP.xml
epavefee.xml

Declaration_1.tif
Declaration_2.tif
Declaration_3.tif

Country	Year	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)
Algeria	1980	10.0	4.0	40.0	100	400
Algeria	1985	10.5	4.5	42.9	110	450
Algeria	1990	11.0	5.0	45.5	120	500
Algeria	1995	11.5	5.5	47.8	130	550
Algeria	2000	12.0	6.0	50.0	140	600
Algeria	2005	12.5	6.5	52.0	150	650
Algeria	2010	13.0	7.0	53.8	160	700
Algeria	2015	13.5	7.5	55.6	170	750
Algeria	2020	14.0	8.0	57.1	180	800
Algeria	2025	14.5	8.5	58.6	190	850
Algeria	2030	15.0	9.0	60.0	200	900
Algeria	2035	15.5	9.5	61.3	210	950
Algeria	2040	16.0	10.0	62.5	220	1000
Algeria	2045	16.5	10.5	63.6	230	1050
Algeria	2050	17.0	11.0	64.7	240	1100
Algeria	2055	17.5	11.5	65.7	250	1150
Algeria	2060	18.0	12.0	66.7	260	1200
Algeria	2065	18.5	12.5	67.6	270	1250
Algeria	2070	19.0	13.0	68.4	280	1300
Algeria	2075	19.5	13.5	69.2	290	1350
Algeria	2080	20.0	14.0	70.0	300	1400
Algeria	2085	20.5	14.5	70.7	310	1450
Algeria	2090	21.0	15.0	71.4	320	1500
Algeria	2095	21.5	15.5	72.1	330	1550
Algeria	2100	22.0	16.0	72.7	340	1600
Algeria	2105	22.5	16.5	73.3	350	1650
Algeria	2110	23.0	17.0	73.9	360	1700
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Algeria	2145	26.5	20.5	77.3	430	2050
Algeria	2150	27.0	21.0	77.8	440	2100
Algeria	2155	27.5	21.5	78.2	450	2150
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Algeria	2170	29.0	23.0	79.3	480	2300
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Algeria	2180	30.0	24.0	80.0	500	2400
Algeria	2185	30.5	24.5	80.3	510	2450
Algeria	2190	31.0	25.0	80.6	520	2500
Algeria	2195	31.5	25.5	81.0	530	2550
Algeria	2200	32.0	26.0	81.3	540	2600
Algeria	2205	32.5	26.5	81.6	550	2650
Algeria	2210	33.0	27.0	81.8	560	2700
Algeria	2215	33.5	27.5	82.1	570	2750
Algeria	2220	34.0	28.0	82.4	580	2800
Algeria	2225	34.5	28.5	82.6	590	2850
Algeria	2230	35.0	29.0	82.9	600	2900
Algeria	2235	35.5	29.5	83.1	610	2950
Algeria	2240	36.0	30.0	83.3	620	3000
Algeria	2245	36.5	30.5	83.6		

Comments:

[illegible]

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD AND APPARATUS FOR DESIGNING AND LOCATING CHEMICAL STRUCTURES**, the specification of which:

☒ is attached hereto.
☐ was filed on _____ as Application Serial No. _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information which is material to patentability (as defined in 37 C.F.R. § 1.56) in connection with the examination of this application.

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the matter provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
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I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date
_____	_____
_____	_____

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

_____ Country	_____ Application No.	_____ Date of Filing	_____ Priority Claimed
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I hereby appoint; Robert E. Walter, Reg. No. 25,245; and Kenneth S. Wheelock, Reg. No. 36,340, John B. Yates, Reg. No. 39,433, Hanh Pham, Reg. No. 40,771, Henry H. Gibson, Reg. No. 28,951, Frank A. Smith, Reg. No. 39,375, all of General Electric Company, One Plastics Avenue, Pittsfield, MA 01201, Ronald E. Myrick, Reg. No. 26,315, and Henry J. Policinski, Reg. No. 26,621, Jay L. Chaskin, Reg. No. 24,030, James W. Mitchell, Reg. No. 25,602, Bernard Snyder, Reg. No. 24,843, John F. Beninati, Reg. No. 40,510, Catherine Winter, Reg. No. 38,364, all of 3135 Easton Turnpike, Fairfield, CT 06431-0001, and all attorneys and agents associated with Customer No. 023413, jointly and each of them severally, my attorneys or agents and attorney or agent, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith. I hereby direct that all correspondence and telephone calls in connection with this application be addressed to the said:

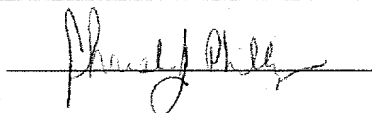
CUSTOMER NUMBER 23413
CANTOR COLBURN LLP
55 Griffin Road South
Bloomfield, CT 06002, USA
(860) 286-2929

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that all such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Christine J. Phillips

Citizenship USA

Inventor's signature

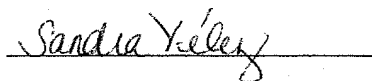


5/16/02
Date

Full name of second inventor Sandra Velez

Citizenship USA

Inventor's signature

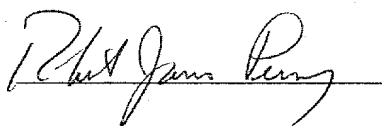


May 16th, 2002

Full name of third inventor Robert James Perry

Citizenship USA

Inventor's signature



May 16, 2002
Date

Full name of **fourth** inventor Maia Alanna Navarrete

Citizenship USA

Inventor's signature

Jana Alanna Kovarova

5/16/02

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 1290

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 07-0888



Deposit Account Name: General Electric Company

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Marisa J. Dubuc

Electronic Signature Mark: MJD

Date Signed: 20020522

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 25	103	\$ 18	5	\$ 90
Independent Claims: 8	102	\$ 84	5	\$ 420

Subtotal For Extra Claims Fees: \$ 510

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40